RM24993

Universal Remote Instruction Manual

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Congratulations on your purchase of the RM24993 Universal Remote Control. The RM24993 is one of the most easy to use remote controls available today. With the RM24993, juggling multiple remote controls is a thing of the past! Your RM24993 controls up to seven devices, including the most popular brands of TV, VCR, DVD, SAT, CBL, and audio equipment.

Note: Some functions from your original remote may not be controlled by this remote. Use the original remote, if available, to control such functions. Sometimes buttons other than described in these instructions may actually perform the function. For example, the CHAN and VOL buttons might be used to navigate through menu choices. We recommend you experiment with the remote to identify if such situations pertain to your equipment.

The RM24993 is easy to use, easy to program, and it gives you total control—at the touch of your fingertips!

Battery Installation

1. On the back of the remote, push down on the tab and lift the cover off.
2. Match the batteries to the + and - marks inside the battery case, then insert 2 AAA Alkaline batteries.
3. Press the battery cover back into place.

Battery Saver

Your remote automatically turns off if the buttons are depressed more than 30 seconds. This will save your batteries should your remote get stuck in a place where the buttons remain depressed (e.g., between the sofa cushions).

Code Saver

You will have up to 10 minutes to change the batteries in your remote without losing codes you have programmed. However, do not press any buttons until batteries are installed in the remote. If buttons are pressed without batteries in the remote, all codes will be lost.

Code Setup

The **SETUP** button is used to setup the remote. You can either setup the remote using the code for your brand of product, from the code tables (on separate sheet), or you can search through the library of codes until you find a code that works for your product. Please refer to “Programming with Code Search” page 9 for more information on using the code search feature to learn how to search through the library of codes for your products. NOTE: You can store any kind of code under any mode (except TV). I.E. you can store a VCR code under the **CABLE** button, or a DVD code under the **VCR** button, etc. However, you can only store TV codes under the **TV** button.

Button Functions

Some buttons on the remote might have functions that are referred to by different names on the device you are controlling. E.G. **LAST** may be called RECALL, or **ENTER** may be called DISPLAY. These differences depend on the brand and model of your product. Also, this remote can only operate features that exist on your product. E.G., your product must have **LAST** ability for the **LAST** button to operate this feature.

TV, DVD, etc. Selects product to be operated.

VOLUME UP/DOWN Changes the volume level of the product, normally the TV.

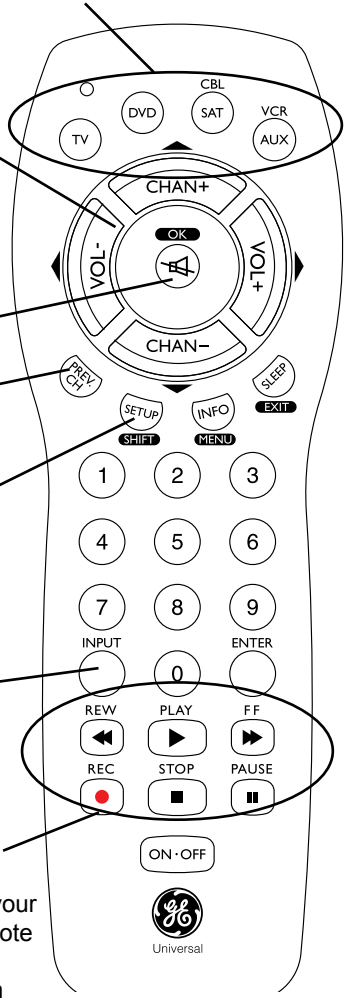
MUTE Turns off the TV sound while the picture remains.
OK Selects menu items for the device you are controlling.

PREV. CH Returns to the previously selected channel.

SETUP For setup.
SHIFT Accesses shifted functions.

INPUT
For some TVs, press repeatedly to select from available viewing sources (antenna, cable box, VCR, etc.).

RECORD, PLAY, STOP, REW, FF, PAUSE VCR control buttons operate your VCR even when the remote is set to operate the TV. Also operates DVD Scan -/+. Note the VCR keys also control DVD when in DVD Mode.



Button Functions, cont.

Red Indicator Lights when any button is pressed.

CHANNEL Up/Down Changes the channels.

SLEEP enables the remote to turn off your TV after a period of 1 to 99 minutes.

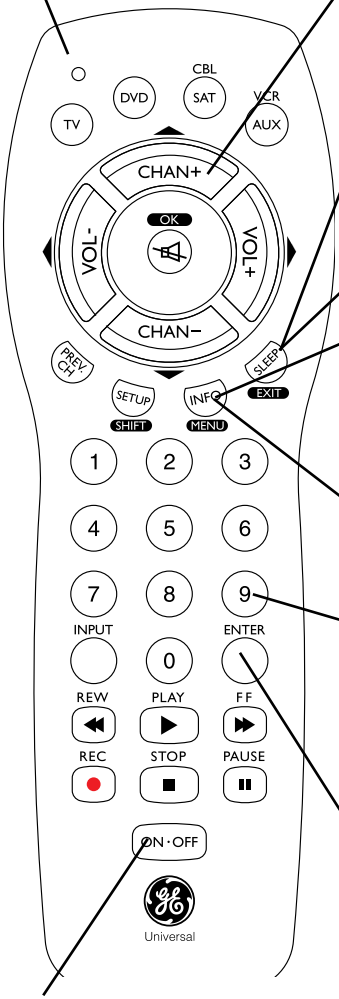
EXIT Exit On-Screen Menus and/or Return to previous On-Screen selection.

INFO button brings up DVD Display or Control Menu for Chapter/Track/ Title number, Time remaining/elapsed indication, system information, etc.

MENU Selects the on-screen menu.

NUMBERS Enter numbers for direct channel selection. Some products require ENTER to be pressed after channel selection.

ENTER For some TV models, used after direct channel number entry to immediately change to the selected channel.



ON-OFF Turns device On or Off.

Note: The **REC** button must be pressed TWICE to record from your VCR. For some brands of VCRs, you might need to press the **REC** button once, then press it again for three seconds.

DVD Functions

This remote controls many DVD functions. The descriptions may vary from your original remote descriptions.
REW and **FF** buttons control the speed of Fast Forward and Reverse Playback respectively.
CHAN+/CHAN- buttons respectively locate the succeeding or preceding Chapters or Tracks on a disc.
INFO button brings up DVD Display or Control Menu for Chapter/Track/Title number, Time remaining/elapsed indication, system information, etc.
MENU brings up the DVD disc Menu screen - use with the **UP**, **DOWN**, **LEFT** & **RIGHT** navigation buttons.
OK button is used for on-screen Menu selection. Note some DVD players require the Play button to be used.
EXIT Exit On-Screen Menus and/or Return to previous On-Screen selection.
PLAY button is used to start Disc playback and for Menu selection on some DVD players.
STOP button stops Disc playback.
PAUSE button pauses Disc playback - press PLAY to resume.
INPUT brings up the DVD Players Setup Menu. Note, not all DVD Players support all the functions described above.

SAT Functions

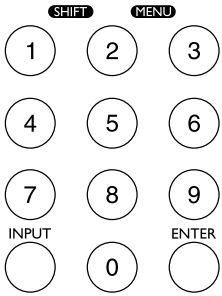
CHAN+ and **CHAN-** buttons perform the “Page+” and “Page-” function for on-screen Guide Menus used by some Satellite systems.
INFO button brings up Satellite Display screen for current Channel and system information.
MENU brings up the Satellite Menu screen - use with the **UP**, **DOWN**, **LEFT** & **RIGHT** navigation buttons.
OK button is used for on-screen Menu selection.
EXIT button is used to Exit or Clear on-screen Menu displays.
INPUT button performs the Satellite TV/SAT function.

Direct Code Entry

1. Press and hold the **SETUP** button until the red indicator stays on, then release the **SETUP** button.

2. Press and release the desired mode button (**TV**, **VCR**, etc.). The red indicator blinks, then stays lit.

3. Enter the 4 digit code from the code tables (on separate sheet). Note: after a valid code entry, the red indicator turns off. For an invalid code, the red indicator flashes.



4. With your device on, press **ON/ OFF**. If the device turns off, no further programming is required. Note: If some buttons do not operate your equipment, try one of the other codes for your brand.

Write your codes down here for easy reference later.

Device	Device stored	Code
TV	TV	
DVD		
CBL/SAT		
VCR/AUX		

Code Search

If your device does not respond after you have tried all the codes for your brand, or if your brand is not listed, try searching for your code by following these steps.

1. Manually turn on the device (**TV**, **VCR**, etc.) to be controlled.

2. Press and hold the **SETUP** button until the red indicator stays on, then release the **SETUP** button.

3. Press and quickly release the desired mode button (**TV**, **VCR**, etc.). The red indicator blinks off once.

4. Press the **CHANNEL UP** button repeatedly (up to 300 times) until the device to be controlled changes channel. The red indicator blinks off with each button press. If you accidentally overshoot the code required, press the **CHANNEL DOWN** button to backtrack through the library until the device changes channel. Pressing **CHANNEL UP** changes direction to forward again.

5. Press and release **ENTER** to install the code.

Most users will store VCR codes under the **VCR** button, Cable codes under **CABLE**, etc. If (for example) you want to store a VCR code under **CABLE**, first follow the procedure for Direct Code Entry (page 8) and press **CABLE** in step 2 of Direct Code Entry, then enter ANY VCR code in step 3 of Direct Code Entry. Then follow the steps above for Code Search.

Note: If the device does not have a **CHANNEL UP** button, use **PLAY** (VCR only) or **POWER** instead. Code Search starts from the currently stored three digit number under that mode. Sometimes the first code that "works" with your device may only allow limited functionality (e.g. the MENU button might not work). There may be a code that performs more functions. Continue the code search process until the best code is found.

Code Identification

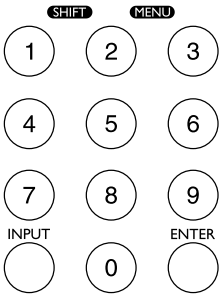
The Code Identification Feature allows you to identify the 4 digit library code stored under your device key. For example, if you want to find out what 4 digit code is stored under your TV device key, follow the six steps below:

1. Press and hold the **SETUP** button until the red indicator stays on. Release the **SETUP** button.

2. Press and release the desired mode button (**TV**, **VCR**, etc.). The red indicator blinks, then stays lit.

3. Press and release the **SETUP** button. The red indicator blinks once and remains lit.

4. To find the first digit for the code stored under the mode key pressed in step 2, press each numeric key from **0-9** in turn. The number that causes the indicator light to blink is the first digit in your code.



5. To find the second digit, repeat step 4.

6. Repeat step 4 again to find the third and fourth digits. This time the red indicator turns off and stays off.

SHIFT

Press **SHIFT** (Setup) prior to the shifted key function e.g., for,
MENU - press and release **SHIFT** (Setup) then **MENU** (Info).
UP - press and release **SHIFT** then **UP** (Chan+).
DOWN - press and release **SHIFT** then **DOWN** (Chan-).
LEFT - press and release **SHIFT** then **LEFT** (Vol-).
RIGHT - press and release **SHIFT** then **RIGHT** (Vol+).
OK - press and release **SHIFT** then **OK** (Mute).
EXIT - press and release **SHIFT** then **EXIT** (Sleep).

The red indicator blinks for each keypress.

Controlling Devices with Separate Power On and Off Buttons

Some GE, RCA and ProScan models require you to press the device button for more than one second to turn the device on and the **POWER** button to turn the device off.

Controlling Combo Devices

Some Combo devices (e.g. TV/VCR, TV/DVD, DVD/VCR, etc.) will require you to set up two different Mode buttons to control both parts of the Combo device. For example, if you have a TV/DVD Combo, you might need to set up one code under the **TV** button to control the TV part AND a separate code (under any other Mode button) to control the DVD part.

VCR/DVD Punch-Through

This remote allows the 6 VCR transport buttons (i.e. **PLAY**, **PAUSE**, **STOP**, **FF**, **REWIND**, and **REC**) to Punch-Through control from any Mode programmed with TV, SAT or Cable codes to the last **VCR**, or **DVD** programmed Mode you used. This feature will not operate if the programmed TV, SAT or Cable code has its own VCR transport button control e.g. a TV Combo, SAT/PVR, etc.

Volume/Mute Control and Punch-Through

This remote lets you select which device Mode controls your Volume/Mute buttons. The remote is initially set for all device Modes to use their own Volume/Mute control if present. If the programmed code has no Volume/Mute operation of its own then those buttons will punch-through control to the **TV** Mode device without needing to change to **TV** Mode.

Setting ALL Volume/Mute Control to any one Mode

This routine can set all Modes to “punch-through” to any one chosen Mode for Volume/Mute button control without the needing to change to that Mode.

1. Press and hold the **SETUP** button until the red indicator turns on, then release the button.

2. Press and hold the **MUTE** button until the red indicator blinks off, then release the button.

3. Press and release the desired Mode button (**TV**, **VCR**, etc.) for Volume/Mute control, the red indicator blinks then stays on.

4. Press and release the **MUTE** button and the red indicator turns off. The red indicator will blink rapidly for three seconds if the Mode you have selected has no Volume/Mute control.

All other Modes will now punch-through to your chosen Mode for Volume/Mute control.

Setting any Mode to use its own Volume/Mute Control

This routine can set any Mode to use only its own Volume/Mute control. Note - If your chosen Mode has no Volume/Mute functions of its own then the Volume/Mute buttons will do nothing.

1. Press and hold the **SETUP** button until the red indicator turns on, then release the button.

2. Press and hold the **MUTE** button until the red indicator blinks off, then release the button.

3. Press and release the desired Mode button (**TV**, **VCR**, etc.), the red indicator blinks then stays on.

4. Press and release the **VOLUME-** (Down) button, the red indicator blinks then stays on.

5. Press and release the **MUTE** button and the red indicator turns off.

Your chosen Mode will now use its own Volume/Mute control.

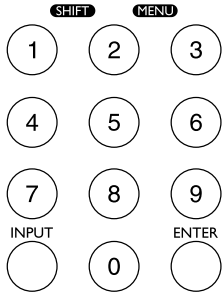
Sleep Function

The Sleep button enables the remote to turn off your TV after a period of 1 to 99 minutes as shown below. The remote must be in TV mode to set a Sleep Timer. This feature works even if your TV does not have a sleep feature.

1. Press and release the TV device button.

2. Press and hold the Sleep button until the LED remains lit (about 2-3 seconds).

3. Release the Sleep button.
4. Press and release the numeric buttons (01-99) for the time required. The LED will blink off to indicate button press acceptance.



5. TV Sleep Timer is set.
6. **Leave the Remote pointing towards the TV with an unobstructed path.**

To cancel the Sleep Timer, press and hold the Sleep button until the LED blinks, or press and release the Power button in TV mode.

Remote does not operate your product.

- Press the mode button of the product you want to control.
- Program the remote with a new code.
- Install new batteries. (You might have to reprogram your remote after installing new batteries.)
- Remote may not be compatible with your product.

Remote does not operate some features of your product.

- Sometimes a particular code might operate some features but not all. Try programing remote with a new code.
- Remote may not be able to operate all features of your product or button names might be different than your product.

Red Indicator blinks after you program a product code.

- Remote did not accept the code.
- Try to program the code again or try a different code.

Lost Your Codes?

Enclosed with this remote is a sticker on which you should write the codes for each device you programmed. Apply the sticker to the back of the remote or somewhere convenient for future reference.

Also on the sticker is our website address which, should you lose your codes or programming instructions, you can find available on our website: www.jascoproducts.com

90 Day Limited Warranty

Jasco Products Company warrants this product to be free from manufacturing defects for a period of ninety days from the original date of consumer purchase. This warranty is limited to the repair or replacement of this product only and does not extend to consequential or incidental damage to other products that may be used with this unit. This warranty is in lieu of all other warranties express or implied. Some states do not allow limitations on how long an implied warranty lasts or permit the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific rights, and you may also have other rights which vary from state to state. If unit should prove defective within the warranty period, return prepaid with dated proof of purchase to:

Jasco Products Company
10 E. Memorial Road
Oklahoma City, OK 73114

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Jasco Products Company
10 E. Memorial Road
Oklahoma City, OK 73114

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